

What is claimed is:

1. An isolated nucleic acid sequence or its complement encoding at least one amino acid sequence or immunogenic variants thereof selected from the group consisting of SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10, SEQ ID NO:11, SEQ ID NO:12, SEQ ID NO:13, and SEQ ID NO:14.
2. A single-stranded vector comprising the isolated nucleic acid sequence of claim 1.
3. A double-stranded vector comprising the isolated nucleic acid sequence of claim 1 hybridized to its complement.
4. A method for the production of polypeptides for the treatment and clinical remission of psoriasis comprising transforming at least one microbial host cell with the vector of claim 2, and 3, selecting the transformed microbial host cells, culturing the transformed microbial host cells, and purifying the polypeptides.
5. A microbial host cell transformed by the vector of claim 2, and 3.
6. A method for the production of polypeptides for the treatment and clinical remission of psoriasis comprising transfecting at least one microbial host cell with a nucleic acid comprising the isolated nucleic acid sequence of claim 1, or the isolated nucleic acid sequence of claim 1 hybridized to its complement, selecting transfected microbial host cells, culturing the transfected microbial host cells, and purifying the polypeptides.
7. A microbial host cell transfected by a single-stranded nucleic acid comprising the isolated nucleic acid sequence of claim 2.
8. A microbial host cell transfected by a double-stranded nucleic acid comprising the isolated nucleic acid sequence of claim 3 hybridized to its complement.
9. A method for the production of polypeptides for the treatment and clinical remission of psoriasis comprising transducing at least one microbial host cell with a nucleic acid comprising the isolated nucleic acid sequence of claim 1, or the isolated nucleic acid

sequence of claim 1 hybridized to its complement, selecting the transduced microbial host cells, culturing the transduced microbial host cells, and purifying the polypeptides.

10. A microbial host cell transduced with a single-stranded nucleic acid comprising the isolated nucleic acid sequence of claim 1.

11. A microbial host cell transduced with a double-stranded nucleic acid comprising the isolated nucleic acid sequence of claim 1 hybridized to its complement.